

**OREGON DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION
SECOND SUPPLEMENTAL RESPONSE TO THE
U.S. ENVIRONMENTAL PROTECTION AGENCY 104(E) LETTER
November 14, 2011**

This document is the Oregon Department of Transportation (ODOT) Highway Division's second supplemental response to the U.S. Environmental Protection Agency's (EPA's) 104(e) letter that was received on January 18, 2008. Only questions with new information to provide are answered. The information here is supplemental to the original and first supplemental responses and not a substitute or replacement for them unless specifically indicated in this narrative.

ODOT is divided into several divisions within the agency depending on the services provided to the citizens of the State of Oregon. The Highway Division is ODOT's most visible arm, spread across Oregon with engineers, road crews, and a wide array of other disciplines involved in the construction and maintenance of the state's highways, bridges, and other parts of the transportation system. The State, through ODOT's Rail Division, is responsible for certain freight and passenger rail safety and inspection programs, and for supporting a robust state rail system. Both of these divisions have activities and property within the EPA 104(e) Investigation Area. A separate response is provided for each division. This response constitutes the second supplemental response for the Highway Division. The ODOT Rail Division Supplemental Response will be provided in a separate submittal later this year.

Please note that the file paths provided are not active hyperlinks. All of the new files are provided on the attached DVD at the folder noted in this response.

A .tif file viewer such as Prizm¹ is needed to view most of the .tif files. Viewing the ROW maps in .tif format will show a better image than in .pdf. All of these files are also provided in .pdf.

SECTION 1.0 RESPONDENT INFORMATION

- 2. For each person answering these questions on behalf of Respondent, provide:**
- a. full name;**
 - b. title;**
 - c. business address; and**
 - d. business telephone number, electronic mail address, and FAX machine number**

¹ <http://www.accusoft.com/prizmviewer.htm>

Name	Title	Business Address	Business Telephone Number	Email	FAX
Matt Lenox	GIS Technician	123 NW Flanders Street Portland, OR 97209	(503) 731-8209	matt.lenox@odot.state.or.us	(503) 731-8531

SECTION 2. OWNER/OPERATOR INFO

4. **Identify each and every property that Respondent currently owns, leases, operates on, or otherwise is affiliated or historically has owned, leased, operated on, or otherwise been affiliated with within the Investigation Area during the period of investigation (1937-Present). Please note this question includes state roads, state rights of way or easements, and state bridges. Please note that this question includes any aquatic lands owned or leased by Respondent.**

Additional right of way (ROW) maps and files are provided in both tif and PDF format at the following file paths. These files were found after the earlier submittals to EPA. These ROW files are associated with the expired leases and the current leases.

[\\portland_harbor\RWmaps ADJ\](#)

[\\portland_harbor\RWMPDF ADJ\](#)

[\\portland_harbor\RWFILES ADJ\](#)

Additional Abandonment and Retention files that were found after the earlier submittals to EPA are provided at the following file path.

[\\portland_harbor\AR\](#)

6. **Identify any persons who concurrently with you exercises or exercised control or who held significant authority to control activities at each Property, including:**

- c. **any person subleasing land, equipment or space on the Property;**

Additional lease files are provided at the following file path. These files include historical leases and rental agreements that were found after the earlier ODOT 104(e) letter response submittals.

[\\portland_harbor\Lease](#)

SECTION 3.0 DESCRIPTION OF EACH PROPERTY

13. Provide the following information about each Property identified in response to Question 4:

13c. location of all underground pipelines whether or not owned, controlled or operated by you;

ODOT has transferred the underground pipe data from ODOT's as-builts and construction plans to the City of Portland's Geographic Information System (GIS). ODOT created maps in PDF format to show the location of the storm and sanitary sewer lines. Sanitary sewer lines are owned and operated by the City of Portland. Both the City and ODOT own and operate storm drainage lines. The maps indicate which storm drainage lines are ODOT's.

The following file paths will direct the reader to the underground pipe maps and files that are provided with this response. ODOT recommends that the index maps be viewed first to aid the viewer in proper orientation within the ODOT facility.

These maps depict the drainage to the best of ODOT's current knowledge.

i. Instructions

The instructions for viewing the PDF maps are provided at the following file path.

<\\Portland Harbor\GIS\Stormwater Drainage Maps\Outfall Maps COP Rev June2011>

The file name is "Instructions-for-PDF-Portland-Harbor.pdf."

ii. Legend

The legend for the PDF files is provided at the following file path.

<\\Portland Harbor\GIS\Stormwater Drainage Maps\Outfall Maps COP Rev June2011>

The file name is "Legend.pdf."

iii Highway Drainage Index Maps

These maps show the location of all of the Highway Drainage Maps on a master map. Review this map first for proper orientation.

<\\portland harbor\GIS\Index Maps\Hwy Index Maps COP Rev Jun 2011\D Drive\>

iv. **Highway Drainage Maps**

The Highway Drainage maps show all of the stormwater pipes along the highway and city sanitary lines within ODOT ROW.

A. **Highway 001 (Pacific Highway, I-5 Freeway)**

\\portland_harbor\GIS\Stormwater Drainage Maps\Hwy Drainage COP Rev June2011\001\

B. **Highway 002W (Lower Columbia River Highway, US-30)**

\\portland_harbor\GIS\Stormwater Drainage Maps\Hwy Drainage COP Rev June2011\002W\

C. **Highway 047 (Sunset Highway, US-26)**

\\portland_harbor\GIS\Stormwater Drainage Maps\Hwy Drainage COP Rev June2011\047\

D. **Highway 061 (Stadium Freeway, I-405 Freeway)**

\\portland_harbor\GIS\Stormwater Drainage Maps\Hwy Drainage COP Rev June2011\061\

E. **Highway 123 (Northeast Portland Hwy, US-30 Bypass)**

\\portland_harbor\GIS\Stormwater Drainage Maps\Hwy Drainage COP Rev June2011\123\

v. **Stormwater Outfall Drainage Index Maps**

These maps show the location of all of the Stormwater Outfall Drainage Maps on a master map. Review these maps first for proper orientation.

\\portland_harbor\GIS\Index Maps\Outfall Index Maps COP Rev Jun2011\D Drive\

vi **Stormwater Outfall Drainage Maps**

These maps show how stormwater leaving the ODOT facility reaches the Willamette or Columbia River. The path to the Columbia River is being shown to account for the water draining ODOT's ROW that does not drain into the Willamette River. Most of the highway drainage drains to the Willamette River through outfalls installed, owned, and operated by either the City of Portland or private parties. ODOT has installed and operates three stormwater outfalls in the Investigation Area. Outfalls WR306 and WR307, at the west and east ends of the Fremont Bridge, and Outfall WR510, at the west end of the St. Johns Bridge.

\\portland_harbor\GIS\Stormwater Drainage Maps\Outfall Maps COP Rev June2011\

vii. Current Mapping Efforts

ODOT is currently mapping the drainage on the following portions of the ODOT facility:

- East Fremont Bridge interchange
- I-405 fly over ramps

These PDF maps will be finalized in the spring 2012.

131 all maps and drawings of the Property in your possession; and

Additional construction plans are provided at the following file path. These construction plans are for construction projects that have occurred since the earlier submittal and for those construction plans that were found after ODOT submitted its earlier 104(e) letter responses.

[\\portland_harbor\Cplans\](#)

A list of the construction plans that has been updated with the additional plans provided with this submittal is provided at the following file path.

[\\portland_harbor\Contr Plans Listing\](#)

- 15. For each Property, provide all reports, information or data you have related to soil, water (ground or surface), or air quality and geology/hydrogeology at and about each Property. Provide copies of all documents containing such data and information, including both past and current aerial photographs as well as documents containing analysis or interpretation of such data.**

The Geotech report for the U.S. 26: Sylvan to I-405 project dated July 15, 2011 is provided at the following file path.

[\\portland_harbor\Geology\Hwy47](#)

- 16. Identify all past and present solid waste management units or areas where materials are or were in the past managed, treated, or disposed (e.g., waste piles, landfills, surface impoundments, waste lagoons, waste ponds or pits, tanks, container storage areas, etc.) on each Property. For each such unit or area, provide the following information:**

- a. a map showing the unit/area's boundaries and the location of all known units/areas whether currently in operation or not. This map should be drawn to scale, if possible, and clearly indicate the location and size of all past and present units/areas;**
- b. dated aerial photograph of the site showing each unit/area;**
- c. the type of unit/area (e.g., storage area, landfill, waste pile, etc.), and the dimensions of the unit/area;**
- d. the dates that the unit/area was in use;**

- e. the purpose and past usage (e.g., storage, spill containment, etc.);
- f. the quantity and types of materials (hazardous substances and any other chemicals) located in each unit/area, and;
- g. the construction (materials, composition), volume, size, dates of cleaning, and condition of each unit/area.

Additional specifications for storage and disposal of construction material in ODOT construction contracts have been added in this response. These specifications were found after ODOT's earlier submittals.

[\\portland harbor\Spec\](#)

19. **Provide copies of any stormwater or property drainage studies, including data from sampling, conducted at these Properties on stormwater, sheet flow, or surface water runoff. Also provide copies of any Stormwater Pollution Prevention or Maintenance Plans or Spill Plans developed for different operations during the Respondent's operation of each Property.**

The following files are provided at the file path below.

- (1) Table: Stormwater outfalls with ODOT facility contributions
- (2) A map showing all of the stormwater and CSO outfalls with ODOT facility contributions
- (3) Table: CSO outfalls with potential ODOT facility contributions
- (4) Table: Drainage areas of the ODOT facility
- (5) Table: Stormwater outfalls draining the ODOT facility north to south
- (6) Table: CSO outfalls draining the ODOT facility north to south
- (7) Stormwater Sampling and Analysis Plan
- (8) Table: Summary of stormwater analytical results for four storms dated March 26, 2010, March 29, 2010, April 3, 2010, and May 20, 2010

[\\portland harbor\Stormwater\StormwaterFiles\](#)

20. **Describe the nature of your operations or business activities at each Property. This question includes all operation and maintenance activities within the Investigation Area that Respondent has conducted on state roads, state rights of way or easements, bridges, or any other areas within the Investigation Area where Respondent has conducted any type of operation or maintenance activities. If the operation or business activity changed over time, please identify each separate operation or activity, the dates when each operation or activity was started and, if applicable, ceased.**

Stormwater Management

Stormwater management is part of every activity performed by ODOT. Stormwater quantity and quality are issues that must be considered and addressed during every

activity performed by maintenance crews. Stormwater best management practices (BMPs) are included under specific maintenance activities, as appropriate. The goal of the BMPs is to reduce or eliminate pollutants of concern from entering the waters of the State to the maximum extent practicable. ODOT manages stormwater associated with the transportation system and maintenance facilities through erosion control, trapping winter sanding materials, developing permanent stormwater treatment facilities, and maintaining ditches and stormwater treatment facilities.

ODOT begins planning for stormwater management from the beginning of the project development process. The [ODOT Project Delivery Operational Notice: Water Quality Mitigation, PD-05](#)² provides guidance to ODOT project teams in determining the need for post construction stormwater quality mitigation for runoff from ODOT projects and the necessary level of mitigation. PD-05 was instituted in August 2000, updated in 2006, and then supplemented by [Geo-Environmental Technical Bulletin 09-02\[B\] Stormwater Management Program](#)³ to address evolving and more stringent regulatory requirements. By defining when mitigation is required and providing guidance on the appropriate levels of mitigation, ODOT has incorporated stormwater quality planning and budgeting early into its project development process.

Through project delivery, scoping and baseline reports identify water resources that could be impacted by stormwater discharges from the project, as well as opportunities for treatment and constraints. During the initial design, proposed treatments are analyzed to see they meet water quality goals set out by ODOT guidance ([Geo-Environmental Technical Bulletin 09-02\[B\]](#)) and regulatory agency requirements. Selection of treatment techniques for a project is aided by a Best Management Practices ([BMP Selection Tool](#)),⁴ which was developed under the direction of a multi-agency [Stormwater Action Team](#).⁵ By the time the project Design Acceptance Package (DAP) is complete, a conceptual Stormwater Management Plan has been developed, the type and location of treatment facilities have been determined, and regulatory and resource agencies have reviewed and have unofficially approved the plan.

Stormwater Operation and Maintenance Manuals (O&M Manuals) are developed for each installed BMP to assist ODOT Maintenance staff to locate facilities. They describe required maintenance activities and provide facility inspection schedules. O&M Manuals are important to ensure that stormwater treatment facilities are maintained so they function as designed.

² <http://www.oregon.gov/ODOT/HWY/PDU/docs/pdf/PDLTNotice05.pdf?ga=t>

³ [ftp://ftp.odot.state.or.us/techserv/Geo-Environmental/Hydraulics/Technical%20Bulletins/Stormwater%20Management%20Tech%20Bulletin/ge09-02\(B\)%20\(2\).pdf](ftp://ftp.odot.state.or.us/techserv/Geo-Environmental/Hydraulics/Technical%20Bulletins/Stormwater%20Management%20Tech%20Bulletin/ge09-02(B)%20(2).pdf)

⁴ ftp://ftp.odot.state.or.us/techserv/Geo-Environmental/Stormwater Team/BMP_Selection_Tool/BMP_Selection_Tool/ODOT_BMP_Selection_Tool_Memo_Final.doc

⁵ http://www.oregon.gov/ODOT/HWY/GEOENVIRONMENTAL/storm_management_program.shtml

Erosion and sediment control is required for all ground disturbing ODOT projects. Those projects that disturb more than one acre are covered by the [NPDES 1200-CA](#)⁶ permit and must meet the permit's conditions. For stormwater quality mitigation during construction refer to Sections 00280 and 00290 of the [ODOT Standard Specifications for Construction and the Supplemental Standard Specifications for Highway Construction](#).⁷

Maintenance staff maintain permanent water quality structures designed and constructed to treat stormwater runoff from ODOT roads and facilities. Maintenance activities include removing sediment, vegetation, changing filters, holding periodic inspections, and grading as needed.

ODOT Maintenance not only maintains stormwater treatment facilities, but protects water quality while performing all of its routine activities. Specific guidance on how to conduct maintenance in an environmentally sensitive manner is provided by the [ODOT Routine Maintenance Water Quality and Habitat Guide Best Management Practices 2009 \(the Blue Book\)](#).⁸

ODOT drainage facilities are sometimes affected by activities outside of the ROW. Oregon drainage law requires ODOT to accept natural drainage from off-site. While ODOT can set requirements for managing flows above natural levels entering its system, it does not have the authority to demand particular levels of water quality treatment. When ODOT suspects that off-site pollutants are entering its drainage system, ODOT must work with the Oregon Department of Environmental Quality (DEQ) or other authorities to resolve the issue.

21. **At each Property, did you ever use, purchase, generate, store, treat, dispose, or otherwise handle any waste, or material? If the answer to the preceding question is anything but an unqualified "no," identify:**
- a. **in general terms, the nature and quantity of the waste or material so transported, used, purchased, generated, stored, treated, disposed, or otherwise handled;**
 - b. **the chemical composition, characteristics, physical state (e.g., solid, liquid) of each waste or material so transported, used, purchased, generated, stored, treated, disposed, or otherwise handled;**
 - c. **how each such waste or material was used, purchased, generated, stored, treated, transported, disposed or otherwise handled by you;**
 - d. **the quantity of each such waste or material used, purchased, generated, stored, treated, transported, disposed or otherwise handled by you;**

⁶ <http://www.deq.state.or.us/wq/wqpermit/docs/general/npdes1200ca/permit.pdf>

⁷ http://www.oregon.gov/ODOT/HWY/SPECS/standard_specifications.shtml#2008_Standard_Specifications

⁸ http://www.oregon.gov/ODOT/HWY/OOM/docs/blue_book.pdf?ga=t

- e. describe in detail your handling and use of asphalt shingle material on state roads, rights of way or easements, bridges, or any other property or area within the Investigation Area, including, all information requested in subsections b., c., d., of this Question; and
- f. describe how state road bridges in the Investigation Area are maintained, painted, or otherwise repaired and what types of best management practices may have been employed over time to minimize releases or discharges of material to the Willamette River during such bridge work.

a-d.

The special provisions for individual construction projects within the Investigation Area are titled *Special Provisions for Highway Construction*. These documents provide guidance on purchasing, generating, storing, treating, disposing of, and handling waste and materials by construction contractors associated with ODOT construction projects in the Investigation Area.

Additional files that were found after the earlier submittals are provided at the following file path.

[\\Sc-reg1hq-1\portland harbor\Spec\](#)

- 33. Provide copies of Material Safety Data Sheets (MSDS) for materials used in the Respondent's operations.**

Copies of the MSDS that were not provided with the original submittal for materials used in ODOT operations are provided at the following file path.

[\\portland harbor\MSDS\New MSDS\](#)

- 47. Describe any process or activity conducted on a Property identified in response to Question 4 involving the acquisition, manufacture, use, storage, handling, disposal or release or threatened release of polychlorinated biphenyl(s) "PCB(s)" or PCB(s)-containing materials or liquids.**

Roadway Lights

The lights currently used on the St. Johns Bridge are high pressure sodium lights and do not contain PCBs. The fluorescent lights were changed to high pressure sodium lights in 1992. ODOT does not know the type of lights used on the St. Johns Bridge when Multnomah County owned the bridge.

The Fremont Bridge has never had lights that contained PCBs. Mercury bulbs were used on the Fremont Bridge until approximately 1978 when they were replaced with high pressure sodium lights.

Fluorescent lights were used in the Vista Ridge Tunnel on Highway 26 prior to being replaced with high pressure sodium lights between 1996-1998. Most lighting systems on Highway 26 were replaced by high pressure sodium lights before 1980.

48. **For each process or activity identified in response to the previous Question, describe the dates and duration of the activity or process and the quantity and type of PCB(s) or PCB(s) containing materials or liquids.**

See response to Question 47.

49. **For each process or activity identified in response to the previous two Questions, identify the location of the process or activity on the property.**

See response to Question 47.

SECTION 5.0 REGULATORY INFORMATION

50. **Identify all federal, state, and local authorities that regulated the owner or operator of each Property and/or that interacted with the owner or operator of each Property. Your response is to address all interactions and in particular all contacts from agencies/departments that dealt with health and safety issues and environmental concerns.**

Authority/Agency	Types of Interaction	Contact
Federal Agencies		
National Marine Fisheries Service	Issue permit to “take” species within their jurisdiction listed under the Endangered Species Act. Issue EFH certification under the Magnuson-Stevens Act.	The current contact is Tom Loynes, ODOT-NMFS Liaison.
U.S. Fish and Wildlife Service	Issue permit to “take” species within their jurisdiction listed under the Endangered Species Act. Coordination regarding compliance with the Migratory Bird Treaty Act.	The current contact is David Leal, ODOT-USFWS Liaison.
Federal Railroad Administration	The ODOT Rail Division is one of the approximately 35 states that have entered into the Federal/State inspection partnership. The FRA has five technical “disciplines”: track [physical track and roadway worker	The current contact is Mark Daniels, Regional Administrator, Region 8.

	protection]; operating practices [hours of service/drug & alcohol, radio communications]; mechanical power and equipment [inspection of all types of cars and locomotives for defects]; signal [crossing protection and other signal devices]; hazardous materials [inspection of all types of equipment carrying hazardous materials, chemical and nuclear plants for compliance, security directives].	
State Agencies		
Oregon State Historic Preservation Office	Issue archaeological excavation permits and issues concurrence on ODOT projects.	The current contact is Matt Dietrich, SHPO-ODOT Liaison

51. **Describe all occurrences associated with violations, citations, deficiencies, and/or accidents concerning each Property during the period being investigated. Provide copies of all documents associated with each occurrence described. [Note: this question is not limited to environmental or waste occurrences.]**

Spills reported by ODOT, ODOT contractors, tenants, or agents to another state agency are noted on the coversheet that accompanies the HazMat files and are provided in the HazMat files, if available.

The results of the 2008 to present search for spills in the Investigation Area in the Motor Carrier, Fire Marshall, and ODOT Spills database (referred to as HazMat in the table below) are provided in the table below. All spills listed in the table are third party spills that have occurred on ODOT highways.

Date	Location Description	Mile point	Amount Spilled (C) Cargo (O) Operating Fluid	Contaminant	Database	OERS/ DEQ ID number
3/15/2008	I-5 at Rose Garden Exit	302.33	50 gal	Hydraulic oil, Diesel	HazMat	
3/18/2010	I-5 NB Exit 303 shoulder	303	~30 gal	Diesel	HazMat	2010-0589
4/9/2010	US30 Fremont Bridge at I-405 SB/NB split (gore point)	Fremont Bridge	<5 gal	Oil	HazMat	

None of the above spills resulted in a citation to ODOT.

- 52. Provide a list of all local, state, and federal environmental permits ever issued to the owner or operator on each Property (e.g., RCRA permits, NPDES permits, etc.). Please provide a copy of each federal and state permit, and the applications for each permit, ever issued to the owner or operator on each Property.**

As an owner and operator of a public stormwater system, ODOT participates in the National Pollutant Discharge Elimination System (NPDES) stormwater program. Between 1996 and 1999, ODOT shared an NPDES Municipal Separate Storm Sewer System (MS4) permit with the City of Portland, Port of Portland, Multnomah County, Peninsula Drainage District 1&2, and the Multnomah County Drainage District. This permit covered the operation of ODOT Separate Sewer Systems located within the City of Portland. The lead agency holding this MS4 permit was the City of Portland.

In September 1999, ODOT submitted an NPDES MS4 permit application to bring all ODOT highway storm systems statewide under a single permit. This single ODOT MS4 permit covers the operation of ODOT highway storm sewer systems statewide and eliminates the need for ODOT to partner with the State's Phase I and Phase II municipalities on their MS4 permits.

DEQ issued NPDES MS4 permit Number 101822 on June 9, 2000, with an expiration date of May 31, 2005 (File Number 11087). This permit covered "All existing and new discharges of stormwater from the Municipal Separate Stormwater Sewer System associated with the ODOT-owned and maintained facilities and properties located within the highway right-of-way and maintenance facilities." The permit has since been administratively extended as permitted by DEQ Oregon Administrative Rule 340-045-0040 and ODOT continues to operate in compliance with this permit.

ODOT has submitted annual reports in compliance with the MS4 permit since 1995. All MS4 related files are located in the following folders:

[\\portland_harbor\Data\Stormwater\MS4\](#)

SECTION 7.0 PROPERTY INVESTIGATIONS

- 71. Describe the purpose for, the date of initiation and completion, and the results of any investigations of soil, water (ground or surface), sediment, geology, and hydrology or air quality on or about each Property. Provide copies of all data, reports, and other documents that were generated by you or a consultant, or a federal or state regulatory agency related to the investigations that are described.**

See response to Question 15.

73. **Have you sampled stormwater coming from state roads, state rights of way or easements, state bridges, or any other area within the Investigation Area where Respondent has conducted operation or maintenance activities? If you have sampled stormwater, please provide copies of all sampling and analysis plans used, all data collected, and any analysis reports or other document that summarizes the results of such sampling.**

See response to Question 19.

75. **Are you or your consultants planning to perform any investigations of the soil, water (ground or surface), geology, and hydrology or air quality on or about the Property? If so, identify:**
- a. **what the nature and scope of these investigations will be;**
 - b. **the contractors or other persons that will undertake these investigations;**
 - c. **the purpose of the investigations;**
 - d. **the dates when such investigations will take place and be completed; and**
 - e. **where on the Property such investigations will take place.**

Two projects have been identified in the 2010-2012 Statewide Transportation Improvement Plan (STIP) to occur within the Investigation Area.

1. The US 30: Yeon Street Preservation Project (MP 1.97-3.92). This is primarily a preservation (paving) project; therefore, no plans to change the drainage system, major signage, or capacity are planned. Because of the lack of plans to make these changes, no investigations of soil, water, or air quality are needed. A Level 1 HazMat Review has been conducted (this document is provided electronically at the following file path). A Level 2 HazMat Review was deemed not necessary.

[\\portland_harbor\Hazmat\YeonStrPreservation\](#)

2. The Region 1 Urban Area Intelligent Transportation Systems (ITS) Improvements Program will be installing a Variable Message Sign (VMS) on US 30 at I-405. The Geotechnical Report and Advanced Plans are provided at the following file path. These documents provide the information requested in this question.

[\\portland_harbor\Geology\Hwy002W_MP1.72\](#)

SECTION 9.0 COMPLIANCE WITH THIS REQUEST

81. Describe all sources reviewed or consulted in responding to this request, including, but not limited to:

- a. the name and current job title of all individuals consulted;
- b. the location where all sources reviewed are currently reside; and
- c. the date consulted.

a.

Name	Title	Employer
Dillon Tanner	Assistant Region 1 Environmental Coordinator	ODOT
Darren Jackson	Interim Traffic Line Supervisor	ODOT
Duc Phan	Electrician	ODOT
Ernest Kim	Illumination Engineer	ODOT
Ivan Silbernagel	Structure Coatings Engineer	ODOT
Don Smith	Region 5 Safety Manager	ODOT
Craig Veelle	Transportation Maintenance Coordinator	ODOT

c. All sources were consulted from December 11, 2010 to the date of this submittal.

84. Provide a description of all records available to you that relate to all of the questions in this request, but which have not been included in your responses.

All known records that relate to these questions that ODOT has on file have been provided to the best of our knowledge. These files were found or created after ODOT's December 2010 supplemental response.

i. **City of Portland Bureau of Environmental Services (BES) Permits**

ODOT has requested from BES copies of the permits issued by BES to ODOT construction contractor(s) for discharges to BES sewer manholes so that the discharge will be treated in the Portland sewer facility. ODOT does not retain these permits on file. ODOT requested these permits from BES; however, as of the date of this submittal ODOT has not received the permits. ODOT will submit these documents to EPA when they are received.

ii. **Straight Line Charts**

This folder at the following file path contains a multi-page tif file that relates mileposts to street names. The straight line charts help to relate the street names

to the mile posts on the highway. Most of the records have mile posts attached to the records.

\\portland_harbor\Straight Line\sl-charts.tif

iii. Surveys

The folder at the following file path contains all of the land surveys filed by ODOT within the Investigation Area.

\\portland_harbor\Surveys

iv. Miscellaneous Files

The ROW files use a document code to identify the type of file. The document codes are provided at the following file path.

\\portland_harbor\Document Type Codes.pdf

This spreadsheet provided at the following file path provides the mile post limits for the ODOT highways within the Investigation Area.

\\portland_harbor\Mile_post_listing.xls

v. Yellow Line Light Rail Drawings

This folder at the following file path contains drawings for the Yellow Line Light Rail that runs through the Investigation Area and along Interstate Avenue. ODOT conveyed ROW to the City of Portland for the light rail line on April 22, 1993. These drawings contain the location of drainage information.

This folder also contains drawings that are sewer drawings for the Mississippi Greeley area and Rose Quarter area. These files are provided because part of this land was once ODOT ROW. The transfer from ODOT to the City of Portland occurred on April 22, 1993.

\\Sc-reg1hq-1\portland_harbor\Trimet\Yellow Line